```
logo
NTDB id 1123923 EL297 RS04625 WP 002249367.1  MERQTDEFAQAAARAAIWFLARYAGSGDEVLANCTERLFQALQNGHSFIRLSGGEADALSALAPVVGTSAAPLILEGRRL   80
NTDB id 1134 OK783 RS03985 WP 010358120.1     MELQTDEFAQAAARAAIRFLERYAGSGNEVLANCTERLFQALQNGHSFIRLSGDEADALSALAPVVGTSAAPLILEGRRL   80
consensus                                     !! !!!!!!!!!!!!!! !! !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1123923 EL297 RS04625 WP 002249367.1  FLGRMWQLEYDLAAEIKRLAAADTSAPDAAGARQNLAKWFQGTGSEGQRDAAALALLQSFMVITGGPGTGKTTTVAKLLA  160
NTDB id 1134 OK783 RS03985 WP 010358120.1     FLGRMWQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFQGAGSEGQRDAAALALLQFFMVITGGPGTGKTTTVAKLLA  160
consensus                                     !!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1123923 EL297 RS04625 WP 002249367.1  LICGEDENLPNIALAAPTGKAAAHMARALHRAINGFDAPEAVRRHLLKLEGQTVHRLLKLRPPKMQAAFNPVYPLPFDVL  240
NTDB id 1134 OK783 RS03985 WP 010358120.1     LICGENENLPHIALAAPTGKAAAHMARALHRSINGFDAPEAVRRHLLKLEGQTVHRLLKLSPPKMQAAFDHIRPLPFDVL  240
consensus                                     !!!!! !!!!*!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!  * !!!!!!!

logo
NTDB id 1123923 EL297 RS04625 WP 002249367.1  VIDEASMLDTVLMLQLLKAVKTGARVILLGDENQLPSVGIGDVLSVLSQKTVLDGETHQRLAGFLPEHGFSVSANPPLLA  320
NTDB id 1134 OK783 RS03985 WP 010358120.1     IVDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGIGAVLSVLSQKTVLDGETHQRLAGFLPEHGFSVSANPPVLA  320
consensus                                     **!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

logo
NTDB id 1123923 EL297 RS04625 WP 002249367.1  QNTAHLSFSHRFGDNSGIGCLARAAVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNIEAAYAGI  400
NTDB id 1134 OK783 RS03985 WP 010358120.1     QNTAHLSFSHRFGDNSGIGCLARAAVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNIEAAYAGI  400
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1123923 EL297 RS04625 WP 002249367.1  SDIVVLAAWRQDAEDFNEAYCSHVRRKMNIPEHQAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGSLAAYFADADG  480
NTDB id 1134 OK783 RS03985 WP 010358120.1     SDIVVLAAWRQDAEDFNEAYCSYVRRKMNIPEHLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGSLAAYFADADG  480
consensus                                     !!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!
```

```
logo                                                  NATVKYRQTALGSMLERVFSQE

NTDB id 1123923 EL297 RS04625 WP 002249367.1  ATVKTRQTALGSMLERVFSQE   581
NTDB id 1134 OK783 RS03985 WP 010358120.1     NTVKVRQTALGSMLERVFSQE   581
consensus                                       !!!  !!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved